

Appl. No. 10/725,708
Examiner: CHEN, TIANJIE, Art Unit 2627
In response to the Office Action dated June 22, 2006

Date: September 11, 2006
Attorney Docket No. 10113351

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (original): An optical disk drive, comprising:

- a main guide rod;
- a sub guide rod disposed substantially parallel to the main guide rod;
- a pickup head, movably disposed on the main guide rod and the sub guide rod, having a clamp to grasp the sub guide rod;
- a protrusion disposed on the sub guide rod, being movable between a first and a second position;
- wherein the protrusion blocks the clamp and restricts a movement of the pickup head when the protrusion is in the first position; and
- the clamp is released when the protrusion is in the second position.

Claim 2 (original): The optical disk drive as claimed in claim 1, wherein the sub guide rod has two ends, and a slot is formed on one of the ends.

Claim 3 (original): The optical disk drive as claimed in claim 2, further comprising a chassis, and one of the ends of the sub guide rod being extended out of the chassis.

Claim 4 (original): The optical disk drive as claimed in claim 1, wherein the optical disk drive further comprises a sensor, the sub guide rod is disposed between the clamp and the sensor, and the protrusion contacts the sensor, which detects a separation between the protrusion and the clamp, so as to detect a movable status of the pickup head movable when the protrusion is in the second position.

Claim 5 (currently amended): An optical disk drive, comprising:

- a main guide rod;
- a sub guide rod disposed substantially parallel to the main guide rod;

Appl. No. 10/725,708
Examiner: CHEN, TIANJIE, Art Unit 2627
In response to the Office Action dated June 22, 2006

Date: September 11, 2006
Attorney Docket No. 10113351

a pickup head, movably disposed on the main guide rod and the sub guide rod, having a clamp to grasp the sub guide rod;

a sensor;

a shaft disposed substantially parallel to the sub guide rod and between the clamp and the sensor;

a protrusion disposed on the shaft and contacting the sensor, being movable between a first and a second position;

wherein the protrusion blocks the clamp and restricts a movement of the pickup head when the protrusion is in the first position; and

wherein the sensor detects a separation between the protrusion and the clamp, so as to detect a movable status of the pickup head when the protrusion is in the second position, and the clamp is released when the protrusion is in the second position.

Claim 6 (original): The optical disk drive as claimed in claim 5, wherein the shaft has two ends, and a slot is formed on one of the ends.

Claim 7 (original): The optical disk drive as claimed in claim 6, further comprising a chassis, and one of the ends of the sub guide rod being extended out of the chassis.

Claim 8 (canceled)